

ABSTRACT OF THE DISCLOSURE

An axial tube assembly of a motor includes an axial tube around which a stator assembly is mounted, an engaging member, and a sleeve in which a bearing is mounted. The engaging member includes a base and a plurality of resilient legs projecting from the base. Each resilient leg has a hook on a distal end thereof. The base of the engaging member is engaged with and thus seals a bottom end of an axial hole of the axial tube. The sleeve is mounted in the engaging member and has a base portion. The hook of each resilient leg is pressed outward to thereby retain the stator assembly in place when the sleeve and the engaging member are received in the axial tube, with the resilient legs of the engaging member together holding the sleeve to thereby allow tight engagement between the sleeve and the bearing.